

ABSTRACT OF THE DISCLOSURE

A dielectric ceramic article precursor and a process for preparing a dielectric ceramic article are presented. The ceramic article precursor comprises a crystalline aluminosilicate zeolite or an amorphous aluminosilicate, a zinc oxide additive and a glass phase. The ceramic article precursor can optionally contain at least one forming aid selected from binders, plasticizers and surfactants. The process for preparing a dielectric ceramic article involves forming a mixture from the above components into a shaped article such as a tape and then calcining the shaped article at a temperature of about 700°C to about 1000°C for a time of about 0.5 to about 24 hours.